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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/671,407	09/25/2003	Cary Lec Bates	ROC920030265US1	8399
30206	7590	07/09/2007		
IBM CORPORATION ROCHESTER IP LAW DEPT. 917 3605 HIGHWAY 52 NORTH ROCHESTER, MN 55901-7829			EXAMINER THERIAULT, STEVEN B	
			ART UNIT	PAPER NUMBER
			2179	
			MAIL DATE	DELIVERY MODE
			07/09/2007	PAPER

Please find below and/or attached an Office communication concerning this application or proceeding.

The time period for reply, if any, is set in the attached communication.

Office Action Summary

Application No.

10/671,407

Applicant(s)

BATES ET AL.

Examiner

Steven B. Theriault

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-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) OR THIRTY (30) DAYS, WHICHEVER IS LONGER, FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

- 1) ☒ Responsive to communication(s) filed on 23 April 2007.
- 2a) ☒ This action is **FINAL**. 2b) ☐ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

- 4) ☒ Claim(s) 1-3, 6-9 and 11-20 is/are pending in the application.
- 4a) Of the above claim(s) _____ is/are withdrawn from consideration.
- 5) ☐ Claim(s) _____ is/are allowed.
- 6) ☒ Claim(s) 1-3, 6-9, 11-20 is/are rejected.
- 7) ☐ Claim(s) _____ is/are objected to.
- 8) ☐ Claim(s) _____ are subject to restriction and/or election requirement.

Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☐ The drawing(s) filed on _____ is/are: a) ☐ accepted or b) ☐ objected to by the Examiner.
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

Priority under 35 U.S.C. § 119

- 12) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All b) ☐ Some * c) ☐ None of:
- ☐ Certified copies of the priority documents have been received.
 - ☐ Certified copies of the priority documents have been received in Application No. _____.
 - ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

* See the attached detailed Office action for a list of the certified copies not received.

Attachment(s)

- ☒ Notice of References Cited (PTO-892)
- ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
- ☐ Information Disclosure Statement(s) (PTO/SB/08)
Paper No(s)/Mail Date _____
- ☐ Interview Summary (PTO-413)
Paper No(s)/Mail Date. _____
- ☐ Notice of Informal Patent Application
- ☐ Other: _____

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DETAILED ACTION

1. This action is responsive to the following communications: Amendment filed 04/23/2007.

This action is made Final.

2. Claims 1-3, 6-9, 11-20 are pending in the case. Claims 1, 6, 11, and 16 are the independent claims. Applicant is advised that a new Examiner has been assigned to the case.

Claim Rejections - 35 USC § 101

3. Applicant's amendment has remedied the previous 101 rejection and is considered moot.

Claim Rejections - 35 USC § 103

4. **The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all obviousness rejections set forth in this Office action:**

(a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negated by the manner in which the invention was made.

5. **Claims 1-3, 6-9, 11-20 are rejected under 35 U.S.C. 103(a) as being unpatentable over Axandra et al. "Arelis Online User Guide" May 2003, in view of Goodisman et al (hereinafter Goodisman) U.S. Publication No. 2002/0083093 published June 27, 2002.**

The Examiner relied on the following definition of reciprocal tags from the present application specification

[0041] The link 130 is surrounded by a set of reciprocal tags 260-1 and 260-2, which the controller 126 creates in response to the option 220 as previously described above with reference to FIG. 2A and as further described below with reference to FIG. 5. In the example shown, the reciprocal tags 260-1 and 260-2 are encoded as comment tags, **but in other embodiments any appropriate tags may be used.** The reciprocal tags 260-1 and 260-2 include an unique identifier of the section 214, which in this example is "4," **but in other embodiments any appropriate identifier may be used.**

In regard to **Independent claim 1**, Axandra teaches a method comprising:

~~finding a first link in a first page to a reciprocal site;~~
~~determining a reciprocal page based on the first link; and~~

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- Receiving an edit reciprocal link option and a selected section of a first page from a user interface (Axandra page 17, middle, Context Menu to edit links)(See page 25, Middle Include links in page check box.) (See page 24, Top and Page 106 and page 129)
Axandra teaches several sections of editing reciprocal links within an interface where the user selects to edit a link from within the interface.
- Adding at least one reciprocal link to the first page based on the edit reciprocal link option and the selecting section of the first page wherein a first link to a reciprocal site is in the selected section, and wherein the at least one reciprocal link identifies the selected section that includes the first link (See page 39, Links Template adds variables to HTML page; See Page 78, ###LINKS## is added to a page; See page 79, add site button functionality that allows a user to add links to a page; Se page 86 and 97 to add a website and change website pages to include the new partner links; See page 106, Edit site provides the structure steps to select a given page and reciprocal link; See page 129 and 134, which include specific examples of variables added to a page.
- Finding the at least one reciprocal link in the first page (See page 26, 34 and 37 middle, finds links and Page 83).
- Finding a reciprocal page based on the at least one reciprocal link, wherein the, reciprocal page is at the reciprocal site, wherein the finding further comprises finding a record based on the reciprocal link that identifies the reciprocal page; Determining whether a reciprocal link exists in the reciprocal page to the first page_(See page 27, 34 and 37, Dialog box showing the found URL's including the reciprocal link, which determines that it is linked and found by presenting it to the user.
- If the reciprocal link does not exist, determining an action based on a user-interface option (See page 28, creating links and Page 29, sending email to the website master to add the links to the Axandra directory (See also page 33).

Axandra does not expressly teach:

- Adding a reciprocal tag to the page

Axandra teaches the structure for adding variables to the table data within delimiters such as ### and <>, as shown in the above examples. While a variable is not a tag, the system of Axandra does follow a process of identifying a reciprocal site, inserting a link into a webpage based on the reciprocal link, and then storing the link in a directory. The system of Axandra also lets the user select from an interface, which links that they want linked to their website.

Axandra does not specifically teach adding a "reciprocal " tag to a page and to the skilled artisan a "reciprocal " tag is not a formal tag in the HTML code structure. Therefore, it is understood that the present application utilizes the current tags in the HTML specification (See http://www.w3schools.com/html/html_quick.asp) in a manner that allows linking or uses a modified tag via XML or derivative). Given that the definition above provides that a tag is added as comment tags and that any appropriate tags could be used, the system of Goodisman teaches a linkify application that takes sections of documents and generates a new webpage that can be comprised of multiple markup language (See Para 0029 and 0035). Goodisman teaches that a target object can be a portion of a document, a word, script, or element within a document that can also be a hyperlink (See Para 0028 and 0041). Goodisman teaches the process of providing a forward linking operation where the links can be captured from an email before the user reads the email and then providing links to the target objects, once the email is read. Or, by back linking (reciprocal) by presenting the document with links from established memory objects or databases. Therefore, it would have been obvious to one of ordinary skill in the art at the time of the invention, having the teachings of Goodisman and Axandra in front of them, to modify the process in the system of Axandra of adding variables to web pages to include the tag adding operations of Goodisman for the purposes of putting a specific tag into a document for linking purposes. The motivation to combine comes from the suggestion in Goodisman of providing a linkify object on a object by object basis to communicate to the user that the given object within the page is related and highlighted to the user for a given context as specified by the user (See page &, Para

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0060 and 0061) and can be document objects in other object or applications or pages (See Para 0065).

With respect to **dependent claim 2**, Axandra teaches the method further comprising:
if the reciprocal link does not exist, issuing a warning (See page 17, Middle, warning and Page 32, status warning and Page 58, check links feature).

With respect to **dependent claim 3**, Axandra teaches the method further comprising:
if the reciprocal link does not exist, removing the first link from the first page (See page 35)
Axandra teaches a remove button on the main window that puts the link in a filter that won't allow the site to be linked in the future.

In regard to **Claims 6-9**, claims 6-9 reflect the apparatus comprising computer readable instructions for performing the steps of method claims 1-3, respectively, and in further view of the following, are rejected along the same rationale. Axandra teaches in several sections the process of monitoring the links if the reciprocal does not exist and if the number of time exceeds a threshold and then removing the link (See page 35, 50, 52, 61, 68, 84 and 91). Axandra page 91, determines the number of links to a given page that can be set and the status identifier tells the user of a given date when the other site was sent a request to be linked and from the status date and the number of emails sent a threshold can be reached before the user places the link on the filter list to be removed. Once on the filter list, the site will no longer be linked to.

In regard to **Claims 11- 15**, claims 11-15 reflect the computer readable medium comprising computer readable instructions for performing the steps of method claims 1-3, respectively, and in further view of the following, are rejected along the same rationale. Axandra teaches in several sections the process of monitoring the links if the reciprocal does not exist and if the number of time exceeds a threshold and then removing the link (See page 35, 50, 52, 61, 68, 84 and 91). Axandra page 91, determines the number of links to a given page that can be set and the status

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identifier tells the user of a given date when the other site was sent a request to be linked and from the status date and the number of emails sent a threshold can be reached before the user places the link on the filter list to be removed. Once on the filter list, the site will no longer be linked to.

In regard to **Claims 16- 20**, claims 16-20 reflect the system comprising computer readable instructions for performing the steps of method claims 1-3, respectively, and in further view of the following, are rejected along the same rationale. Axandra teaches in several sections the process of monitoring the links if the reciprocal does not exist and if the number of time exceeds a threshold and then removing the link (See page 35, 50, 52, 61, 68, 84 and 91). Axandra page 91, determines the number of links to a given page that can be set and the status identifier tells the user of a given date when the other site was sent a request to be linked and from the status date and the number of emails sent a threshold can be reached before the user places the link on the filter list to be removed. Once on the filter list, the site will no longer be linked to.

It is noted that any citation to specific pages, columns, lines, or figures in the prior art references and any interpretation of the references should not be considered to be limiting in any way. A reference is relevant for all it contains and may be relied upon for all that it would have reasonably suggested to one having ordinary skill in the art. In re *Heck*, 699 F.2d 1331, 1332-33, 216 USPQ 1038, 1039 (Fed. Cir. 1983) (quoting In re *Lemelson*, 397 F.2d 1006, 1009, 158 USPQ 275, 277 (CCPA 1968)).

Response to Arguments

Applicant's arguments with respect to claims 1-3, 6-9, 11-20 have been considered but are moot in view of the new ground(s) of rejection.

Conclusion

Applicant's amendment necessitated the new ground(s) of rejection presented in this Office action.

Accordingly, **THIS ACTION IS MADE FINAL**. See MPEP § 706.07(a). Applicant is reminded of the extension of time policy as set forth in 37 CFR 1.136(a).

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A shortened statutory period for reply to this final action is set to expire THREE MONTHS from the mailing date of this action. In the event a first reply is filed within TWO MONTHS of the mailing date of this final action and the advisory action is not mailed until after the end of the THREE-MONTH shortened statutory period, then the shortened statutory period will expire on the date the advisory action is mailed, and any extension fee pursuant to 37 CFR 1.136(a) will be calculated from the mailing date of the advisory action. In no event, however, will the statutory period for reply expire later than SIX MONTHS from the date of this final action.

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Steven B. Theriault whose telephone number is (571) 272-5867. The examiner can normally be reached on M, W, F 10:00AM - 8:00 PM.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Weilun Lo can be reached on (571) 272-4847. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free). If you would like assistance from a USPTO Customer Service Representative or access to the automated information system, call 800-786-9199 (IN USA OR CANADA) or 571-272-1000.

SBT



WEILUN LO
SUPERVISORY PATENT EXAMINER